

CORRIGENDUM FOR JANUARY, 1919, TABLES.

January REVIEW, page 51, Table IV, line beginning "Melville, La.," should be stricken out.

MEAN LAKE LEVELS DURING MARCH, 1919.

By UNITED STATES LAKE SURVEY.

[Dated: Detroit, Mich., Apr. 3, 1919.]

The following data are reported in the "Notice to Mariners" of the above date:

Data.	Lakes.*			
	Superior.	Michigan and Huron.	Erie.	Ontario.
Mean level during March, 1919:				
Above mean sea level at New York.....	<i>Fect.</i> 601.89	<i>Fect.</i> 580.74	<i>Fect.</i> 572.47	<i>Fect.</i> 246.01
Above or below—				
Mean stage of February, 1919.....	—0.19	+0.08	+0.27	+0.10
Mean stage of March, 1918.....	+0.37	—0.34	+0.22	—0.60
Average stage for March, last 10 years	+0.31	+0.81	+0.79	+0.37
Highest recorded March stage.....	—0.39	—2.21	—1.38	—1.80
Lowest recorded March stage.....	+1.23	+1.63	+1.64	+1.71
Average relation of the March level to—				
February level.....		+0.1	+0.2	+0.2
April level.....		—0.3	—0.6	—0.7

*Lake St. Clair's level: In March, 575.39 feet.

EFFECT OF WEATHER ON CROPS, MARCH.

By J. WARREN SMITH, Agricultural Meteorologist.

Farm work.—Outdoor activities were delayed in the South and in some central districts by frequent and, in places, heavy rains, especially during the first part of the month, but conditions were more favorable during the latter part. Little field work was begun in March in the extreme northern districts, where the ground was still frozen at the close of the month. Vegetation in general advanced well during March in central and eastern districts, but it was too cool in the extreme upper Great Plains and in the far Southwest, and the season was backward in those districts at the close of the month.

Winter grains.—The month was almost universally favorable for the growth of winter grains and at the close, wheat, rye, barley, and winter oats were nearly everywhere reported in good to excellent condition. The weather conditions were designated as ideal for winter wheat in Kansas and the plants were stooling well in Oklahoma.

Spring crops.—The frequent rains and wet soil caused considerable delay in planting cotton and early corn in the South, and growth was rather slow in some of the more southern districts on account of cool nights, while the ground was too wet for plowing corn land to best advantage in portions of the Ohio and upper Mississippi Valleys.

As a result of frequent rains the work of preparing the ground and seeding cotton was from 1 to 2 weeks behind the average season in much of the cotton belt. The seeding of the earlier spring grains was under way at the close of the month as far north as the lower Ohio and Missouri Valleys.

Truck crops.—Cool weather and wet soil caused considerable delay in planting truck crops the first part of the month, but conditions were more favorable the latter part and much of this work was done in the southern half of the country. Truck was greatly damaged in southern Florida by heavy rains about the middle of the month.

Live stock.—March was favorable for meadows, pastures, and ranges in nearly all sections and grass was starting well, although in some central Rocky Mountain districts ranges were short. Ranges in western Texas improved with ample rainfall and stock was generally in good condition in that region.

Fruit.—March was generally favorable for fruit and only a small amount of winter killing was reported, although some damage was done to peaches in northern Missouri, southern Iowa, and at places in Colorado. At the close of the month early fruits were blooming as far north as Virginia and Oklahoma.